

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	54	gel and sers and nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:03
S4	3	(gel near matrix) and sers and nanoparticles and probe	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:08
S6	0	(composite near organic near inorganic) and sers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:25
S5	688	composite near organic near inorganic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:25
S2	0	composite near organic near inorganic near nanoparticle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:25
S7	11	(composite near organic near inorganic) and nanoparticle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:28
S8	282	(composite near organic near inorganic) and particle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 11:29
S10	2	("6699724").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 12:04
S11	29	((("2004086897") or ("2004058058") or ("2003174384") or ("2003029274") or ("2003228682") or ("2003059820") or ("6623977") or ("6579721") or ("6485703") or ("6149868")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 12:05
S14	0	S12 and core and analyte	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 15 12:09
S13	53	S12 and core	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 15 12:09
S12	282	(composite near organic near inorganic) and particle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/ 11/ 15 12:09

S15	1156028	sers	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 15 12:35
S9	53	S8 and core	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 15 12:35
S16	17	sers same enhancing same nanoparticle	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 15 14:06
S18	1373	SERS and active and composite and nanoparticle	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 18 09:23
S19	11	SERS same active same composite same nanoparticle	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 18 09:24
S20	3	(SERS same active same composite same nanoparticle) and \$gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/ 11/ 18 11:22
S21	2	("20020155507"). PN.	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 05/ 05 09:45
S23	4	(sers with enhanc\$3 with nanoparticle) same gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/ 05/ 05 11:10
S22	506	(sers same enhanc\$3 same nanoparticle) and gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/ 05/ 05 11:10
S17	9	(sers same enhancing same nanoparticle) and gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/ 05/ 05 11:10
S26	105245	electrophoresis magnetophoresis	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 14:57
S25	498048	gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 14:57
S24	68	sers same nanoparticle	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 14:57
S27	17	S24 and S25 and S26	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:38
S28	719	surface with enhanced with raman	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:39
S34	43	S32 and S33	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:41

S33	498048	gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:41
S32	51	S30 and S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:41
S30	178	S28 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:41
S29	5700	nanoparticle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 15:41
S35	122975	electrophore\$ magnetophore\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 16:09
S31	105245	electrophoresis magnetophoresis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/ 09/ 01 16:09
S37	122	S28 and S36 and (particle nanoparticle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/ 09/ 01 16:10
S36	90040	S35 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/ 09/ 01 16:10
S38	141169	electrophore\$ magnetophore\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 10:00
S40	43760	S38 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 10:01
S39	881689	(\$5particle nanoparticle microparticle particle microsphere nanosphere)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 10:01
S42	489	S41 same gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 10:02
S41	12894	S39 with (immobili\$6 station\$3 embed\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 10:02
S43	152	S42 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 12:00
S44	141169	electrophore\$ magnetophore\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 12:02
S46	881689	(\$5particle nanoparticle microparticle particle microsphere nanosphere)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 12:03

S45	263	surface with enhanc\$3 with raman and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 12:03
S47	47	surface with enhanc\$3 with raman same S46 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 12:04
S48	27	surface with enhanc\$3 with raman same S46 and S44 and gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 12:05
S49	298	(356/ 344). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 13:12
S50	1	S49 and (surface with enhanced with raman)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:13
S52	274	(436/ 516). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 27 13:25
S53	0	S52 and (surface with enhanc\$3 with raman)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:26
S54	0	S52 and nanoparticle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:29
S57	11245	(electrophoresis electrophoretic) adj gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:33
S56	89529	gel with (electrophoresis electrophoretic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:33
S55	117	sol?gel with (electrophoresis electrophoretic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:40
S51	1	S49 and (surface with enhanc\$3 with raman)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 27 13:40
S59	2	("6943031"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 28 09:53
S58	8	sol?gel with (electrophoresis electrophoretic) same separat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 09:53
S60	2	("5308495"   "5693152"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/ 09/ 28 09:54
S63	2	S61 and (gel same electrophor\$10)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 11:22

S62	0	S61 and (psg same electrophor\$10)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 11:22
S61	2	("20050127002"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/ 09/ 28 11:22
S64	117	sol?gel with (electrophoretic electrophoresis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 11:55
S65	219	gel with (electrophoretic electrophoresis) with siev\$3 with separat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 11:56
S67	2	gel near (electrophoretic electrophoresis) with advantag\$3 same siev\$3 with separat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 12:39
S66	108	gel near (electrophoretic electrophoresis) with siev\$3 with separat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 12:39
S68	49	gel near (electrophoretic electrophoresis) with advantag\$3 and siev\$3 with separat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/ 09/ 28 12:40
S69	22	farquharson.in. with stuart.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 24 12:01
S1	8	(gel near matrix) and sers and nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/ 05/ 25 08:48
S71	96	surface with enhanced with raman and (electrophor\$5 magnetophor\$5) and nanoparticle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/ 05/ 25 08:50
S70	304	surface with enhanced with raman and (electrophor\$5 magnetophor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/ 05/ 25 08:50
S72	2	("20020155507"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/ 05/ 25 08:53
S73	230	surface with enhanced with raman and (nano\$9) and (agarose polyacrylamide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 10:07
S74	181	S73 and analyte	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 10:22

S75	0	(nanoparticle nanospecies) with (fix\$5 immobili\$6 attach\$5) with (agarose polyacrylamide) and (surface with enhanced with raman)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 10:28
S77	1	(nanoparticle nanospecies) with (fix\$5 immobili\$6 attach\$5 embed\$5) same (agarose polyacrylamide) and (surface with enhanced with raman)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 10:29
S76	0	(nanoparticle nanospecies) with (fix\$5 immobili\$6 attach\$5 embed\$5) with (agarose polyacrylamide) and (surface with enhanced with raman)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 10:29
S78	68	(nanoparticle nanospecies) with (fix\$5 immobili\$6 attach\$5 embed\$5) and (agarose polyacrylamide) and (surface with enhanced with raman)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 11:08
S80	117	(agarose polyacrylamide poly?acrylamide) same sol?gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 15:27
S79	260	(agarose polyacrylamide) and (surface with enhanced with raman)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 15:27
S82	1	(agarose polyacrylamide poly?acrylamide) with sol? gel and surface with enhanced with raman	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 15:52
S81	65	(agarose polyacrylamide poly?acrylamide) with sol? gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 16:55
S84	5	(agarose polyacrylamide poly?acrylamide) with sol? gel same optic\$3	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 16:56
S83	4	(agarose polyacrylamide poly?acrylamide) with sol? gel same optical	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 05/ 25 16:56
S85	2	"20050148100"	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:18

S87	46	surface with enhanced with raman and (nano\$9) same (agarose polyacrylamide)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:40
S86	262	surface with enhanced with raman and (nano\$9) and (agarose polyacrylamide)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:40
S88	64	surface with enhanced with raman and (nano\$9) same (agarose polyacrylamide acrylamide)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:42
S89	177	surface with enhanced with raman and (nano\$9) same (agarose polyacrylamide acrylamide gel)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:44
S92	46	surface with enhanced with raman and (nanoparticle nanobead nanosphere) same (agarose polyacrylamide acrylamide gel) not (solgel sol near gel) not intel.as.	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:47
S91	67	surface with enhanced with raman and (nanoparticle nanobead nanosphere) same (agarose polyacrylamide acrylamide gel) not (solgel sol near gel)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 10 16:47
S93	292	(nano\$9) same impregnated same (agarose polyacrylamide acrylamide gel) not (solgel sol near gel)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 10:11
S90	120	surface with enhanced with raman and (nano\$9) same (agarose polyacrylamide acrylamide gel) not (solgel sol near gel)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 10:11
S94	20	(nano\$9) same impregnated same (agarose polyacrylamide acrylamide gel) and (surface with enhanced with raman electrophoresis) not (solgel sol near gel)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 10:19

S99	7	agarose with alginate with gel same glucose	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 14:25
S95	42	(nano\$9) same embed\$5 same (agarose polyacrylamide acrylamide gel) and (surface with enhanced with raman electrophore \$6) not (solgel sol near gel)	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 14:25
S100	14	agarose with alginate with gel same electrophoresis	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 16:01
S98	498	agarose with alginate with gel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 16:01
S101	157	agarose with alginate with gel and electrophore \$3	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/ 12/ 11 17:03
S102	2	("6180415").PN.	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/ 12/ 17 13:33
S103	2045	nano\$10 with electrophore\$3	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 14:19
S105	27	nano\$10 with embed\$4 same electrophore\$3	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 14:20
S106	46	in near vivo with electrophore\$3	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:04
S108	159	in near vivo same electrophore\$3 and glucose	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:09
S107	25	in near vivo with electrophore\$3 and glucose	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:09
S110	94	S109 not S106	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:10
S109	107	in near vivo same electrophoresis and glucose	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:10
S111	29	embed\$3 with nano\$10 with hydrogel	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:14
S112	811	nano\$10 with (hydrogel gel) same electrophore\$3	US PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 16:59



SI13	35	nano\$10 with (hydrogel gel) same electrophore\$3 and surface with raman	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 12 17:00
SI14	0	magnetophoresis with gel with material	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:24
SI15	7	magnetophoresis with gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:25
SI16	93	magnetophoresis with electrophoresis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:27
SI17	8	magnetophoresis with electrophoresis same gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:28
SI18	8	magnetophoresis same electrophoresis same gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:32
SI20	114	magnetophoresis same electrophoresis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:33
SI19	276	magnetophoresis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 08/ 15 11:33
SI22	126	thin with electrophore\$3 with gel same thick\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/ 02/ 19 18:33
SI21	1987	thin with electrophore\$3 with gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/ 02/ 19 18:33

2/25/09 2:29:38 PM

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